

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

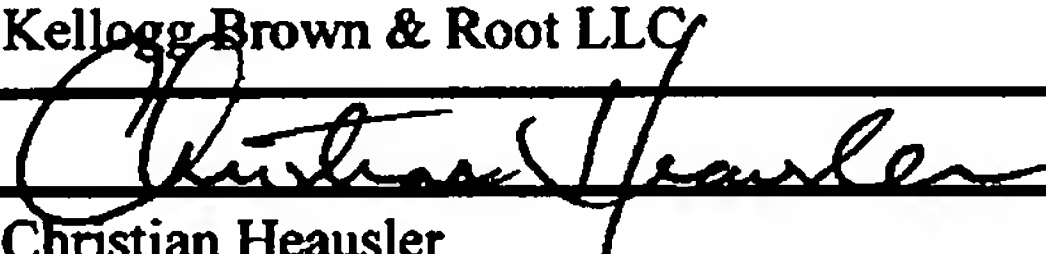
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/708,583	
	Filing Date	March 12, 2004	
	First Named Inventor	Avinash Malhotra	
	Art Unit	1754	
	Examiner Name	Wayne Langel	
Total Number of Pages In This Submission	8	Attorney Docket Number	03-06 (708583)

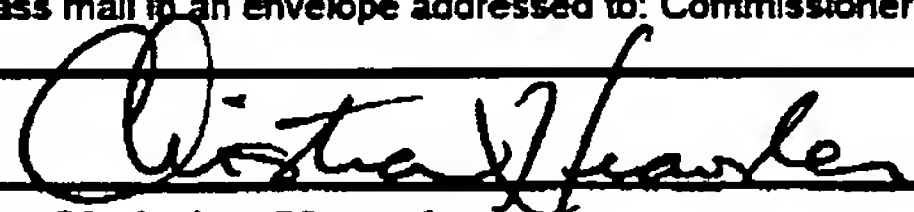
**RECEIVED**  
**CENTRAL FAX CENTER**  
**SEP 15 2006**

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>  The included paper is a Response to the Office Action dated 8/30/06	

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Kellogg Brown & Root LLC		
Signature			
Printed name	Christian Heausler		
Date	9/15/2006	Reg. No.	50771

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Christian Heausler	Date	9/15/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9198 and select option 2.

**BEST AVAILABLE COPY**

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Avinash Malhotra

Group Art Unit: 1754

Serial Number: 10/708,583

Examiner: Wayne Langel

Filed: March 12, 2004

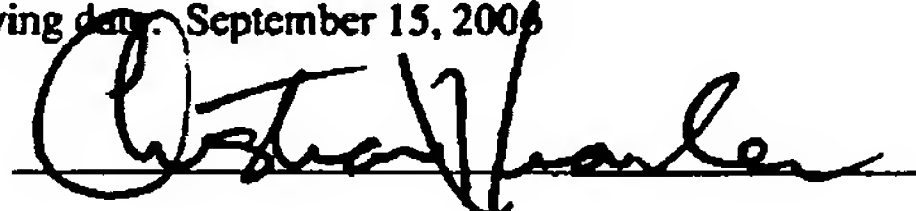
Confirmation Number: 2582

For: Autothermal Reformer-Reforming  
Exchanger Arrangement for Hydrogen  
Production

Attorney Docket Number: 03-06 (708583)

**RECEIVED**  
CENTRAL FAX CENTER  
SEP 15 2006Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450Certificate of Facsimile Transmission

I hereby certify that this correspondence is being transmitted via facsimile to the MAIL STOP AMENDMENT division of the United States Patent and Trademark Office at facsimile no. 571.273.8300 to the attention of Examiner Langel on the following date: September 15, 2006



Christian Fleasler

## AMENDMENT AND RESPONSE

In response to the Office Action dated August 30, 2006, having a shortened statutory period for response set to expire on September 30, 2006, Applicants respectfully request entry and consideration of the following amendments and remarks:

Amendments to the Claims begin on page 2.

Remarks begin on page 12.

BEST AVAILABLE COPY